

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	130629	sulphonate	US-PGPUB; USPAT	OR	ON	2006/08/25 14:05
L4	130629	sulphonate sulfonate	US-PGPUB; USPAT	OR	ON	2006/08/25 14:05
L5	130629	sulfonate	US-PGPUB; USPAT	OR	ON	2006/08/25 14:05
L7	130629	sulfonate with sulphonate	US-PGPUB; USPAT	OR	ON	2006/08/25 14:10
L8	400	(sulfonate sulphonate) same arsen\$3	US-PGPUB; USPAT	OR	ON	2006/08/25 14:10
L9	227	(sulfonate sulphonate) with arsen\$3	US-PGPUB; USPAT	OR	ON	2006/08/25 14:10
L10	81	(sulfonate sulphonate) with arsenic	US-PGPUB; USPAT	OR	ON	2006/08/25 14:11
L11	6	(sulfonate sulphonate) and arsenic. ti.	US-PGPUB; USPAT	OR	ON	2006/08/25 14:13
L12	28	(sulfonate sulphonate) same arsenic same column	US-PGPUB; USPAT	OR	ON	2006/08/25 14:14
L13	0	(sulfonate sulphonate) with bind with arsen\$3	US-PGPUB; USPAT	OR	ON	2006/08/25 14:14
L14	0	(sulfonate sulphonate) with exchange with arsen\$3	US-PGPUB; USPAT	OR	ON	2006/08/25 15:03
L15	333	(210/263,264,660,688).CCLS.	US-PGPUB	OR	OFF	2006/08/25 15:04
L16	71	I15 and arsenic	US-PGPUB; USPAT	OR	OFF	2006/08/25 15:04
L17	71	I15 and arsenic	US-PGPUB; USPAT	OR	ON	2006/08/25 15:04
L18	71	I15 and arsenic	US-PGPUB	OR	ON	2006/08/25 15:04
L19	78	I15 and arsen\$3	US-PGPUB	OR	ON	2006/08/25 15:12
L20	1	I15 and arsen\$3 and dichloride	US-PGPUB	OR	ON	2006/08/25 15:12
S1	317	arsenic and extraction with column	US-PGPUB; USPAT	OR	ON	2006/06/06 12:53
S2	4	arsenic same extraction with column	US-PGPUB; USPAT	OR	ON	2006/04/16 22:45
S3	1	voice.in. and arsenic	US-PGPUB; USPAT	OR	ON	2006/04/16 22:45
S4	25	arsenic and cation adj exchange adj column	US-PGPUB; USPAT	OR	ON	2006/04/16 22:46
S5	1	arsenic and cation adj exchange adj column and MMA and DMA	US-PGPUB; USPAT	OR	ON	2006/04/16 22:46

## EAST Search History

S6	1	arsenic and cation adj exchange adj column and (MMA DMA)	US-PGPUB; USPAT	OR	ON	2006/04/16 22:46
S7	1	arsenic and cation adj exchange adj column and (MMA DMA monomethylarsinate)	US-PGPUB; USPAT	OR	ON	2006/04/16 22:47
S8	1	arsenic and cation adj exchange adj column and (MMA DMA monomethylarsinate dimethylarsinate)	US-PGPUB; USPAT	OR	ON	2006/04/17 09:30
S9	25	arsenic and cation adj exchange adj column	US-PGPUB; USPAT	OR	ON	2006/04/16 22:47
S10	2	arsenic.ti. and cation adj exchange adj column	US-PGPUB; USPAT	OR	ON	2006/04/16 22:47
S11	384	arsenic and (MMA DMA monomethylarsinate dimethylarsinate)	US-PGPUB; USPAT	OR	ON	2006/04/17 09:31
S12	19	arsenic same (MMA DMA monomethylarsinate dimethylarsinate)	US-PGPUB; USPAT	OR	ON	2006/04/17 11:24
S13	19	arsenic same (MMA DMA monomethylarsonate dimethylarsinate)	US-PGPUB; USPAT	OR	ON	2006/04/17 09:34
S14	20	arsenic same (MMA DMA methylarsonate dimethylarsinate)	US-PGPUB; USPAT	OR	ON	2006/04/17 09:34
S15	0	ion adj exchange.ti. and arsenic same (MMA DMA monomethylarsinate dimethylarsinate)	US-PGPUB; USPAT	OR	ON	2006/04/17 11:25
S16	38	ion adj exchange.ti. and arsenic	US-PGPUB; USPAT	OR	ON	2006/04/17 13:09
S17	8	ion adj exchange.ti. and arsenic and (iminodiacetate amino adj phosphonic phosphonic methylene)	US-PGPUB; USPAT	OR	ON	2006/04/17 13:18
S18	6	ion adj exchange.ti. and arsenic and (iminodiacetate amino adj phosphonic phosphonic methylene)	US-PGPUB; USPAT	OR	ON	2006/04/17 13:46
S19	1	ion adj exchange.ti. and arsenic same (iminodiacetate amino adj phosphonic phosphonic methylene)	US-PGPUB; USPAT	OR	ON	2006/04/17 13:28
S20	38	exchange same arsenic same (iminodiacetate amino adj phosphonic phosphonic methylene)	US-PGPUB; USPAT	OR	ON	2006/04/17 13:44
S21	27	exchange same arsenic same (iminodiacetate amino adj phosphonic phosphonic methylene adj thiol)	US-PGPUB; USPAT	OR	ON	2006/04/17 13:44

## EAST Search History

S22	3	ion adj exchange.ti. and arsenic and (polystyrene adj divinylbenzene)	US-PGPUB; USPAT	OR	ON	2006/04/17 13:59
S23	0	ion adj exchange same arsenic same (polystyrene adj divinylbenzene adj resin)	US-PGPUB; USPAT	OR	ON	2006/04/17 13:59
S24	0	ion adj exchange same arsenic same (polystyrene adj divinylbenzene)	US-PGPUB; USPAT	OR	ON	2006/04/17 13:59
S25	1	ion adj exchange and arsenic same (polystyrene adj divinylbenzene)	US-PGPUB; USPAT	OR	ON	2006/04/17 14:02
S26	32	ion adj exchange.ti. and (polystyrene adj divinylbenzene)	US-PGPUB; USPAT	OR	ON	2006/04/17 14:13
S27	0	ion adj exchange.ti. and (calcined adj diatomaceous adj earth)	US-PGPUB; USPAT	OR	ON	2006/04/17 14:13
S28	13	arsenic and (dioctyltin adj dichloride)	US-PGPUB; USPAT	OR	ON	2006/06/06 12:57
S29	3	arsenic same (dioctyltin adj dichloride)	US-PGPUB; USPAT	OR	ON	2006/06/06 12:55
S30	1	arsenic and monomethylarsinate same (dioctyltin adj dichloride)	US-PGPUB; USPAT	OR	ON	2006/06/06 12:58
S31	1	monomethylarsinate same (dioctyltin adj dichloride)	US-PGPUB; USPAT	OR	ON	2006/06/06 13:03
S32	1	monomethylarsonate same (dioctyltin adj dichloride)	US-PGPUB; USPAT	OR	ON	2006/06/06 13:03
S33	1	(mma monomethylarson\$4) same (dioctyltin adj dichloride)	US-PGPUB; USPAT	OR	ON	2006/06/06 13:05
S34	18	(mma monomethylarson\$4) same (dichlorodioctylstannane Di-n-octyltin dichloride Dioctyldichlorotin dioctyltin adj dichloride)	US-PGPUB; USPAT	OR	ON	2006/06/06 13:06
S35	1	(mma monomethylarson\$4) same (dichlorodioctylstannane Di-n-octyltin adj dichloride Dioctyldichlorotin dioctyltin adj dichloride)	US-PGPUB; USPAT	OR	ON	2006/06/06 13:06
S36	6	(US-20020117431-\$ or US-20020003116-\$ or US-20020036172-\$ or US-20040101971-\$).did. or (US-4179403-\$ or US-4814148-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/08/22 12:30
S37	6	S36 and arsenic	US-PGPUB; USPAT	OR	OFF	2006/08/22 12:30
S38	3	S36 and arsenic and column	US-PGPUB; USPAT	OR	ON	2006/08/22 12:36

## EAST Search History

S39	3	S36 and arsenic and (DMA dimethylars?nate)	US-PGPUB; USPAT	OR	OFF	2006/08/22 12:37
S40	3	S36 and arsenic and (DMA dimethylars?nate)	US-PGPUB; USPAT	OR	ON	2006/08/22 12:41
S41	262	arsenic and (DMA dimethylars?nate)	US-PGPUB; USPAT	OR	ON	2006/08/22 12:41
S42	12	arsenic and (DMA dimethylars?nate) same column	US-PGPUB; USPAT	OR	ON	2006/08/22 12:42
S43	1	arsenic same (DMA dimethylars?nate) same column	US-PGPUB; USPAT	OR	ON	2006/08/22 12:42
S44	2	arsenic same (MMA methylars?nate monomethylars?nate) same column	US-PGPUB; USPAT	OR	ON	2006/08/23 09:38
S45	3	column same dioctyltin adj dichloride	US-PGPUB; USPAT	OR	ON	2006/08/23 10:06
S46	28	column same sulfonate same arsenic	US-PGPUB; USPAT	OR	ON	2006/08/23 10:08
S47	0	column with sulfonate with arsenic	US-PGPUB; USPAT	OR	ON	2006/08/23 10:06
S48	0	solid adj phase same sulfonate same arsenic	US-PGPUB; USPAT	OR	ON	2006/08/23 10:28
S49	219	dioctyltin adj dichloride	US-PGPUB; USPAT	OR	ON	2006/08/23 10:28
S50	14	dioctyltin adj dichloride and arsenic	US-PGPUB; USPAT	OR	ON	2006/08/23 10:39
S51	0	dioctyltin adj dichloride same ion adj exchange	US-PGPUB; USPAT	OR	ON	2006/08/23 10:39
S52	9	("3366241" "3366241" "3482697" "3482697" "3531401" "4687582" "5026482" "5069779" "5182023" "6066257" "6537456").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/23 11:38
S53	4	jensen.in. and arsenic.ti.	US-PGPUB; USPAT	OR	OFF	2006/08/23 11:37
S54	4	jensen.in. and arsenic.ti.	US-PGPUB; USPAT	OR	ON	2006/08/23 11:37
S55	11	("3366241"   "3482697"   "4687582"   "5069779"   "5182023"   "6066257"   "6537456").PN. OR ("6706195").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 11:37
S56	5	S55 and arsenic	US-PGPUB; USPAT	OR	OFF	2006/08/23 11:38
S57	5	S55 and arsenic	US-PGPUB; USPAT	OR	ON	2006/08/23 11:51
S58	1005	(210/263,660).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/23 13:02

## EAST Search History

S59	68	S58 and arsenic	US-PGPUB; USPAT	OR	ON	2006/08/23 13:13
S60	824	(210/688).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/23 14:26
S61	171	S60 and arsenic	US-PGPUB; USPAT	OR	OFF	2006/08/23 13:16
S62	8	S60 and arsenic.ti.	US-PGPUB; USPAT	OR	OFF	2006/08/23 13:16
S63	1005	(210/263,660).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/23 14:26
S64	824	(210/688).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/23 14:26
S65	1787	S63 S64	US-PGPUB; USPAT	OR	OFF	2006/08/23 14:26
S66	1787	S63 S64	US-PGPUB; USPAT	OR	ON	2006/08/23 14:26
S67	15	S66 and arsenic.ti.	US-PGPUB; USPAT	OR	ON	2006/08/23 14:27
S68	0	S66 and arsenic.ti. and dichloride	US-PGPUB; USPAT	OR	ON	2006/08/23 16:10
S69	0	S66 and arsenic.ti. and diatomaceous	US-PGPUB; USPAT	OR	ON	2006/08/23 16:11
S70	3	S66 and arsenic.ti. and (DE diatomite diahydro kieselguhr kieselgur Celite diatomaceous)	US-PGPUB; USPAT	OR	ON	2006/08/23 16:11